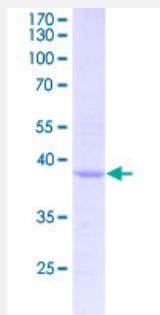


CD63 (Human) Recombinant Protein (Q01)

Catalog # H00000967-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD63 partial ORF (NP_001771.1, 100 a.a. - 238 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	AAIAGYVFRDKVMSEFNNNFRQQMENYPKNNHTASILDRMQADFKCCGAANYTDWEKIPSMSKN RVPDSCCINVTVGCGINFNEKAIHKEGCVKEKIGGWLRKNVLVAAAAALGIAFVEVLGMFACCLVKS IRSGYEVN
Theoretical MW (kDa)	40.92
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD63

Entrez GeneID [967](#)

GeneBank Accession# [NM_001780.4](#)

Protein Accession# [NP_001771.1](#)

Gene Name CD63

Gene Alias LAMP-3, ME491, MLA1, OMA81H, TSPAN30

Gene Description CD63 molecule

Omim ID [155740](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. The use of alternate polyadenylation sites has been found for this gene. Alternative splicing results in multiple transcript variants encoding different proteins. [provided by RefSeq]

Other Designations

CD63 antigen|CD63 antigen (melanoma 1 antigen)|granulophysin|lysosome-associated membrane glycoprotein 3|melanoma 1 antigen|melanoma-associated antigen ME491|melanoma-associated antigen MLA1|ocular melanoma-associated antigen|tetraspanin-30

Pathway

- [Lysosome](#)